

20030623.qrp v02\_n960.qrl.20030623

Date: Mon, 23 Jun 2003 19:03:12 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2960

QRP-L Digest 2960

Topics covered in this issue include:

- 1) [152745] Fox  
by "Tim Jones" <k9nx@insightbb.com>
- 2) [152746] Re: OT: I've got a virus and can't get rid of it--HELP!  
by MIKE SOUHRADA <wb9iog@revealed.net>
- 3) [152747] My computer's virus problem--an update  
by Mark Fields <mark\_ke5my@juno.com>
- 4) [152748] Fox: One is better than none  
by Al Scanandoah <k2zn@rochester.rr.com>
- 5) [152749] Fw: [fpqrp] First Truffle log  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 6) [152750] Re: F/S Icom IC-T90A, Like New  
by "Rod N0RC" <rod@n0rc.us>
- 7) [152751] OT: Virus problem (that maybe is now solved): To delete or not...?  
by Mark Fields <mark\_ke5my@juno.com>
- 8) [152752] Re: WTB: Index Labs QRP+  
by "K. Edwards" <n3eeg@hotmail.com>
- 9) [152753] Re: Force 12 Vertical Question  
by "Dave" <frstbaptistchurch@wyoming.com>
- 10) [152754] AT Sprint Wanted  
by "Joe Roof" <jroof@mindspring.com>
- 11) [152755] Re: New 5 MHz freq and antennas  
by "William Phinizy" <k6whp@verizon.net>
- 12) [152756] Fw: Virus problem (that maybe is now solved): To delete or not...?  
by "Al McRorie" <mcrorie7@rogers.com>
- 13) [152757] Dumb FT-817 Accessory Question  
by "William Phinizy" <k6whp@verizon.net>
- 14) [152758] Re: New 5 MHz freq and antennas  
by "George, W5YR" <w5yr@att.net>
- 15) [152759] FOX: AC7A June 22nd Preliminary Results  
by "Thomas Kuehl" <ac7a@earthlink.net>
- 16) [152760] Yaesu FT209 Operating Manual wanted  
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
- 17) [152761] HTX-10 Service Manual  
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
- 18) [152762] Hunt Results  
by "George, W5YR" <w5yr@att.net>
- 19) [152763] Fox: Preliminary Log N0IT June 22

- by "Dave Sjolin" <sjolin@swbell.net>
- 20) [152764] Propagation Question - International Beacons  
by rsstone@juno.com
- 21) [152765] Re: AT Sprint Wanted  
by Lee Mairs <lmairs@direcway.com>
- 22) [152766] Re: AT Sprint Wanted  
by Lee Boulineau <n4mvl@yahoo.com>
- 23) [152767] Re: Propagation Question - International Beacons  
by David Hinerman <WD8CIV@worldnet.att.net>
- 24) [152768] Re: OT: I've got a virus and can't get rid of it--HELP!  
by Dale Botkin <dale@botkin.org>
- 25) [152769] Any late night piggies around  
by "Jerry Ford" <benlightnd13@mcchsi.com>
- 26) [152770] Re: QRP windmill  
by Rob Matherly <w0jrm@arrl.net>
- 27) [152771] AmQRP HOMEBREWER subscriber info page available  
by "George Heron N2APB" <n2apb@erols.com>
- 28) [152772] RE: OT: I've got a virus and can't get rid of it--HELP!  
by Adam Farson <farson@shaw.ca>
- 29) [152773] Re: [NoGaQRP] The day couldn't have been much better - QRP on  
the Applachian Trail at Woody Gap GA with the AT Sprint rig  
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 30) [152774] Re: New 5 MHz freq and antennas  
by Karl Larsen <k5di@msn.com>
- 31) [152775] FT-817 SSB filter shape  
by Karl Larsen <k5di@msn.com>
- 32) [152776] RE: QRP windmill  
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 33) [152777] Re: [HQRP] OT: Virus problem (that maybe is now solved): To delete  
or not...?  
by George Gingell <k3tks@u1.abs.net>
- 34) [152778] RE: [ham] BF959 transistor  
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 35) [152779] RE: OT: I've got a virus and can't get rid of it--HELP!  
by Dale Botkin <dale@botkin.org>
- 36) [152780] Re: AmQRP HOMEBREWER subscriber info page available  
by "Lee Hopper" <leehopp@msn.com>
- 37) [152781] RE: Broadband on Pwr lines but no space for Amateur LF ?  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 38) [152782] [152601] Re: Whatever happened to all those PSK-80 Warblers?  
by brewerj@squared.com
- 39) [152783] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?  
by "Garey Barrell" <k4oah@mindspring.com>
- 40) [152784] Any piggies hangen in the shack this morning?  
by "Jerry Ford" <benlightnd13@mcchsi.com>
- 41) [152785] Re: signal on 18.091?  
by "laura halliday" <marsgal42@hotmail.com>
- 42) [152786] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?

by "Garey Barrell" <k4oah@mindspring.com>  
43) [152787] PSK-80 Warblers  
by "Jim Kelley" <nw611j@hotmail.com>  
44) [152788] PSK-80 Warblers  
by "Jim Kelley" <nw611j@hotmail.com>  
45) [152789] fs: AT Sprint  
by TJM <tjmc@erols.com>  
46) [152790] correction; FS Oak Hill Sprint  
by TJM <tjmc@erols.com>  
47) [152791] Re: fs: AT Sprint  
by Ed Tanton <n4xy@earthlink.net>  
48) [152792] Frankenkeyer  
by "Steven Weber" <kd1jv@moose.ncia.net>  
49) [152793] Re: Stirling Engine demo kits inadequate for practical generator  
by "James Reid" <jreid4@earthlink.net>  
50) [152794] Excellent presentation on low current drain transceiver design based  
on the K2 principles at Ham Com  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
51) [152795] RE: Frankenkeyer  
by "David Hinerman" <WD8CIV@worldnet.att.net>  
52) [152796] 4SQRP Tenna Dipper Kits  
by "Gene Sailsbury" <gsailsbury@mobil1.net>  
53) [152797] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?  
by Ray Sills <raysills@1stconnect.com>  
54) [152798] ARRL E-mail  
by "Ron Polityka" <wb3aal@fast.net>  
55) [152799] Re: Stirling Engine demo kits inadequate for practical generator  
by "DTX" <dtx@wood.tzo.com>  
56) [152800] QRP+ and QRP++ new eproms-60 Meter caution.  
by ve3ab@mail.mondenet.com  
57) [152801] Soldering iron buys  
by Fred Bonavita <k5qlf@yahoo.com>  
58) [152802] Re: ARRL E-mail  
by "Mike Yetsko" <myetsko@insydesw.com>  
59) [152803] Re: ARRL E-mail  
by "Frank Emens" <femens@hiwaay.net>

-----  
Date: Sun, 22 Jun 2003 18:00:17 -0500  
From: "Tim Jones" <k9nx@insightbb.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [152745] Fox  
Message-ID: <NHBBKLHGKLOFEGIJNALICEKLCAAA.k9nx@insightbb.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a good copy on Thomas AC7A at 14.062.5

K9NX  
Jonesy

"9-Land The Black Hole of RF"  
K2 #3198  
|QRP ARCI #11462|SOC #576|FP #176|  
|ARS #1473|FISTS #5024|

-----  
Date: Sun, 22 Jun 2003 18:02:36 -0500  
From: MIKE SOUHRADA <wb9iog@revealed.net>  
To: mark\_ke5my@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [152746] Re: OT: I've got a virus and can't get rid of it--HELP!  
Message-ID: <3EF6358C.9030209@revealed.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Mark Fields wrote:

> Hi, everyone:  
> My Dell computer has a virus in a file that Windows Me won't allow me  
> to  
> remove or delete, my anti-virus program (AVG for Windows, Free Edition)  
Me has a provision for a startup disk - did you make one?  
That would let you get into the system if you can't.  
Otherwise you may need to reload the system from recovery disks and I  
don't know how Dell handles that.  
Just did the same with HP as I lost a lot the other day. Good package  
with HP. Think the problem was created by Spybot removal would not  
recommend using that ever. Dangerous piece of software.

Use Norton and avoid IE. Infact, I just updated my software from  
Microsoft and there were 17+ patches most to "fix" internet explorer.  
I use Netscape now.  
Never got a virus that I couldn't delete immediately.  
Mike

-----  
Date: Sun, 22 Jun 2003 18:25:37 -0500

From: Mark Fields <mark\_ke5my@juno.com>  
To: hqrp@stevens.com, qrp-1@lehigh.edu, fpqrp-1@mpna.com,  
njqrp@njqrp.org, klqrp@knightlites.org  
Subject: [152747] My computer's virus problem--an update  
Message-ID: <20030622.182630.-452235.0.mark\_ke5my@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi again, everyone:

Since posting my previous message, some things have happened to make me wonder if I have (unknowingly) fixed my virus problem already.

When I discovered that my computer had a virus, I used Win Me's "Search" program to locate the infected file. Once I found it, I tried to delete it, but Win Me wouldn't allow that. I then tried to move it to another location, hoping that I might be able to delete it from elsewhere--same results. One other thing I tried was to make the computer send the file to a floppy disk. It didn't work--or it seemed not to. Shortly after I sent that message asking for help, I ran the anti-virus program once again...this time, it reported that it didn't find any viruses! I then used the "Search" program again to find the infected file...and it was no longer there! Have I somehow gotten rid of that infected file? Guess I'll have to wait and see.

If anyone is wondering: The infected file was in the C:\\_RESTORE\TEMP folder with the extension name ".CPY", and the virus' name was "I-Worm/Opas.K".

73, Mark

---

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-----  
Date: Sun, 22 Jun 2003 19:33:27 -0400  
From: Al Scanandoah <k2zn@rochester.rr.com>  
To: qrp-1@lehigh.edu

Subject: [152748] Fox: One is better than none  
Message-ID: <3EF63CC7.EB6E8194@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I was out doing yard work, then came in to check things out a little after 2200Z. I worked Thomas in about 3 minutes, but never heard a peep out of Dave - only the hounds calling him.

After more yard work and a bite to eat, I thought that I'd get lucky and be able to hear Dave by 2310Z, but no such luck. Even the hounds were gone :(

So it goes...

72 - A1, K2ZN

-----  
Date: Sun, 22 Jun 2003 17:47:48 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>  
Subject: [152749] Fw: [fpqrp] First Truffle log  
Message-ID: <018c01c33910\$4eac98e0\$0077da0c@mchsi.com>

One addition to the list folks and my applologies to Dale for leaving him off the first log.

K5SR was #3 on the list of stations worked. Sorry Dale !!  
Missed you among my scribbles.

73 00 Jerry N0JRN  
----- Original Message -----  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>; "FPigs" <fpqrp-1@mpna.com>  
Sent: Sunday, June 22, 2003 4:08 PM  
Subject: [fpqrp] First Truffle log

> My thanks to all who stopped by freq this afternoon.  
> Much better results this week than last.  
>  
> I'm sorry I didn't get you all but seems 15 minutes is a bit short to  
> dig everyone out.  
>  
> 1. N7MFB ( Ya slipped in ahead of the gang Bill )

> 2. W5YR ( Nice signal George )  
> 3. K5DI ( Karl, nice surprise, tnx )  
> 4. NA8M ( Tnx John = faded on the tail end )  
> 5. W5KDJ ( Wayne tnx for hangen around for the  
> truffle. )  
> 6. N5ZE ( Lew, tnx for working with me and  
> my sloppy fist )  
> 7. W7ILW ( Hi Howard, Tnx for the second Truffle  
> contact )  
> 8. KK5NA ( Nice signal Joe )  
>  
> I know there were at 4 others that I missed that were down in the  
mud.  
> Seems the propagation was running into the SW. Those folks were big  
> signals today.  
>  
> 73 / 72  
>  
> Tnx to all for the contacts and the effort.  
>  
> Jerry NOJRN  
> FP # 546, ARS # 923, ARCI # 11049, ARRL,  
> Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
> MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &  
> 40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
> and so on and so on  
>  
>  
> -To unsubscribe, mail to [majordomo@fpqrp.com](mailto:majordomo@fpqrp.com), msg: unsubscribe  
fpqrp-l -

-----  
Date: Sun, 22 Jun 2003 18:11:15 -0600  
From: "Rod N0RC" <[rod@n0rc.us](mailto:rod@n0rc.us)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [152750] Re: F/S Icom IC-T90A, Like New  
Message-ID: <000701c3391b\$f8c1da60\$6401a8c0@Sherman>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

SRI for the terse ad, was in a rush to get to work this morning. The  
"...T90..." is a 3 band HT 6/2/440, 0.5/5.0W TX; wide band RX, 495kHz -  
999.999MHz; 555 memories.... Full Icom specs here:

<http://www.icomamerica.com/amateur/dualhand/ict90main.html>

73 Rod, N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, June 22, 2003 9:30 AM

Subject: F/S Icom IC-T90A, Like New

> \$230 Shipped CONUS.

>

> Like new condition, with all Icom supplied accessories. Picture @:

> <http://www.frii.com/~rwc/fs/t90.JPG>

-----  
Date: Sun, 22 Jun 2003 19:14:27 -0500

From: Mark Fields <mark\_ke5my@juno.com>

To: hqrp@stevens.com, qrp-1@lehigh.edu, fpqrp-1@mpna.com,  
njqrp@njqrp.org, klqrp@knightlites.org

Subject: [152751] OT: Virus problem (that maybe is now solved): To delete or not...?

Message-ID: <20030622.191436.-452235.1.mark\_ke5my@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi once again, everybody:

Thanks, one and all, for your feedback.

\*Assuming\* that I stumbled upon a way to get rid of that infected file,

i.e., moving them to a floppy disk (I \*think\* that was what did the trick),

I have another question: In checking the C:\\_RESTORE\TEMP\ folder, I note

that there are 535 (!) files, all but one of which were created today. I wonder--should I try to delete all of those 534 files on the assumption that

they were created by that virus, or should I just let them be? Right now,

I'm thinking that they're unnecessary. What do you think? TIA.



73, Mark

---

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Date: Mon, 23 Jun 2003 00:25:12 +0000  
From: "K. Edwards" <n3eeg@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [152752] Re: WTB: Index Labs QRP+  
Message-ID: <Law9-F47f0scL9NtDEJ0000efea@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Located one! Thanks to all who responded...  
...73...

---

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---

Date: Sun, 22 Jun 2003 18:29:43 -0600  
From: "Dave" <frstbaptistchurch@wyoming.com>  
To: w5yr@att.net,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [152753] Re: Force 12 Vertical Question  
Message-ID: <web-41985288@wyoming.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"  
Content-Transfer-Encoding: 8bit

I second/recommend the 88 ft or for 30-10 the 44 ft EDZ - Cebik's "If I could only Have one antenna" excellent performers - I have even done the 44 foot as a gp vertical on a DK9SQ mast with lots of success - you need a good tuner tho - and I suggest one with a roller inductor.

73, Dave K8BBM

On Sun, 22 Jun 2003 10:04:18 -0500  
"George, W5YR" <w5yr@att.net> wrote:

> Mark, if you can squeeze in an 88 ft long antenna in place of the 40  
> meter  
> dipole (67 ft) and feed it with ladder line, you will have an  
> excellent  
> single antenna that can be tuned from 80 through 10 meters. It will  
> show  
> some gain on 20 meters and above.  
>  
> You can make this antenna for probably \$20 tops and it will equal  
> and  
> usually outperform any of the multi-hundred-dollar "all-band"  
> wonders.  
>  
> I am sure that others on the list will attest to the prowess of the  
> 88 ft  
> 20-meter EDZ as an all-around all-band antenna. I use two of them,  
> mounted  
> at right angles for instant pattern switching. LB Cebik also has  
> some nice  
> things to say about the EDZ antenna on his webpages.  
>  
> 73/72, George  
> Amateur Radio W5YR - the Yellow Rose of Texas  
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
> "In the 57th year and it just keeps getting better!"  
> <mailto:w5yr@att.net>  
>  
>  
>  
>  
>  
>  
> ----- Original Message -----  
> From: "Mark" <rburton2@midsouth.rr.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Sunday, June 22, 2003 8:54 AM  
> Subject: Force 12 Vertical Question  
>  
>  
> > All,  
> >  
> > I live in a restricted community. I run QRP with a 40 and a 20  
> >meter  
> >dipole.  
> > I would like to buy an antenna that will allow me to operate on  
> >more of  
> >the  
> > bands.  
> >

> > I am intrigued by the Force 12 Sigma 40XK (rebuild for each band  
> >change)  
> and  
> > the Force 12 Sigma 5.  
> >  
> > I have never heard anyone on the air with either. Any opinions out  
> >there  
> on  
> > performance and quality of construction? Force 12 or Gap?  
> >  
> > Thank you,  
> >  
> > Mark  
> >  
>

-----  
Date: Sun, 22 Jun 2003 20:58:35 -0400  
From: "Joe Roof" <jroof@mindspring.com>  
To: <qrp-1@lehigh.edu>  
Subject: [152754] AT Sprint Wanted  
Message-ID: <003201c33922\$93271830\$6401a8c0@joe>

All,  
Chuck, WA6LTV is looking for an AT Sprint. Will pay cash, trade  
or both. Contact him directly at WA6LTV@aol.com.  
Thanks  
72  
Joe, w4jhr

-----  
Date: Sun, 22 Jun 2003 18:34:04 -0700  
From: "William Phinzy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [152755] Re: New 5 MHz freq and antennas  
Message-ID: <000301c33927\$89874fc0\$1d61e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Testing does count!

We shouldn't be on these channels until after July 4th. This is one area where we have to be on our best behavior. The folks who caved to allow us secondary use of these five channels are betting that we will show up, be off-channel, and generally be like 80 meters. If we behave, we get a prime chunk of spectrum..

..I'm betting we bring it off!

72,

Bill, k6whp

-----  
Date: Sun, 22 Jun 2003 21:36:05 -0400  
From: "Al McRorie" <mcrorie7@rogers.com>  
To: "QRP-L List" <qrp-l@Lehigh.edu>  
Subject: [152756] Fw: Virus problem (that maybe is now solved): To delete or not...?  
Message-ID: <002801c33927\$d0c84740\$0200a8c0@machine4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

C:\restore is your system restore area in Windows ME. When you right-click My Computer, then click on Properties, then the Performanace tab, then Troubleshooting, you will see an entry for Disable System Restore. if you click on that and a check mark appears in the box, this will disable system restore and wipe out everything in the \_Restore folder. reboot your pc for this option to take effect. if you want to enable system restore again, just follow the same path and take the check mark out, reboot and system restore function will be active again.

your virus removal action did work, it is just that the system restore data still reflected the pre-removal environment. one of the pronblems with this type of system restore tool.

usually a site like Symantec will give instructions to be used for ME and when you are

using the System Restore feature, the same idea would apply to an XP system if you were using System Restore on it.

Al ve3gam

----- Original Message -----

From: "Mark Fields" <mark\_ke5my@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, June 22, 2003 8:14 PM

Subject: OT: Virus problem (that maybe is now solved): To delete or not...?

> Hi once again, everybody:

> Thanks, one and all, for your feedback.

> \*Assuming\* that I stumbled upon a way to get rid of that infected  
> file,

> i.e., moving them to a floppy disk (I \*think\* that was what did the  
> trick),

> I have another question: In checking the C:\\_RESTORE\TEMP\ folder, I  
> note

> that there are 535 (!) files, all but one of which were created today. I  
> wonder--should I try to delete all of those 534 files on the assumption  
> that

> they were created by that virus, or should I just let them be? Right  
> now,

> I'm thinking that they're unnecessary. What do you think? TIA.

>

> 73, Mark

>

>

> -----

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-----

Date: Sun, 22 Jun 2003 18:40:00 -0700

From: "William Phinizy" <k6whp@verizon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [152757] Dumb FT-817 Accessory Question

Message-ID: <000501c33928\$5e06e0d0\$1d61e043@sydelpgnr79gmd>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

I got my 817 through eBay about 8 months ago and they came with several telescoping whip antennas for 40-10 meters. I have not put them to use but wonder what the brand is. All I know is they are \*not\* the Maldol and the workmanship on them is competent -- so they are professionally manufactured.

If anyone knows of any other makers of after-market single-band telescoping antennas for the 817, I would be obliged to know the manufacturer's name, web site, etc.

Thanks in advance,

Bill, k6whp

-----  
Date: Sun, 22 Jun 2003 21:05:50 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: <k5di@msn.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [152758] Re: New 5 MHz freq and antennas  
Message-ID: <026101c3392b\$fd7dc180\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, Karl

What is the transmitted bandwidth of your USB signal with the 817? Will it remain within the channel bandwidth if you set the suppressed carrier at the low end 1500 Hz below the assigned center frequency based upon the dial calibration?

It is easy to check the bandwidth by inserting a sinewave tone into the mic circuit from an oscillator - real or computer - and observing a wattmeter on the output. If you get 5 watts output at 1000 Hz, then find out what frequency is 26 dB down from that on each end. That is only 1/400th of the 5 watt reference or 12.5 milliwatts, so it is kinda tough to measure without the right equipment.

But you can vary the audio frequency until you get the power output to read essentially zero and use those two frequencies as the end points and get in the ballpark.

I wrote up a little study I did with my old IC-765 and found that with its

normal 2.4 kHz filter, the sideband would just barely fit into the channel, assuming the filter was perfect and the dial accuracy was right on the button.

The FCC gave us a pretty narrow window to work with, and I suspect that a lot of rigs will be crowding the edges pretty closely. I also suspect that our spectrum neighbors will be watching like hawks for the first ham signal to wander into "their" channel next door.

I would like to hear from you about what you learn about the 817 transmit occupied bandwidth. I don't recall seeing any measurements on this.

BTW, I have forwarded the posting I made on the Icom reflector about using the 765 on 60 meters. Think you might get some ideas from it on measuring your 817.

Thanks and good hunting this afternoon! Maybe the wind will be from the right direction and you can hear Tucson!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

----- Original Message -----

From: "Karl Larsen" <k5di@msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, June 22, 2003 11:29 AM  
Subject: New 5 MHz freq and antennas

>

> As most of you know, on July 4th we hams get the new 60 meter  
> band. I calculated the actual 5 frequencies and set them up in memory on  
> my FT-817. I have already opened it up so it will transmit on any  
> frequency it can receive.

>

> In my car it is perfect because I have a screwdriver tuned  
> antenna and a automatic tuner near the radio. So I needed to mark the  
> place where 80, 75, 60, 40 ect. are located so I can get close easy and  
> the tuner will take over and get it perfect.

>

> The interesting thing about this was the fact that I could hear

> a sudden raise in the noise level when I tuned to every band except 60  
> meters. For 60 meters I had to guess because the noise did not peak like  
> the other bands.  
>  
> I tested and I can tune to 60 meters and the band sounds a lot  
> quieter than say 80 meters. Could be my receiver is not as sensitive due  
> to a filter cut off or something like that. But I did get a full 5 watts  
> to the antenna on the band. I'm sure my radiated power is far below the  
> max which is 50 watts into a dipole at undisclosed height above ground.  
>  
> Will be on the new band the moment it opens.  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
>

-----  
Date: Sun, 22 Jun 2003 19:10:58 -0700  
From: "Thomas Kuehl" <ac7a@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [152759] FOX: AC7A June 22nd Preliminary Results  
Message-ID: <000901c3392c\$aafc5dcb0\$120110ac@texas6oef4glwm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hounds,

The hunt went pretty well, but after the first hour it was like the pack  
headed somewhere else! Below you will find my preliminary log. I have gone  
over it pretty carefully, but it is likely there are a few errors. Please  
let me know.

Best Regards, Thomas - AC7A (Tucson)

Time	Station	RST	RST	SPC	Name	Pwr(W)
UTC	Call	Sent	Rcv'd			

2200	N5ZE	559	559	TX	Lew	5
2201	KB7WW	559	559	OR	Art	5
2202	W5YR	559	559	TX	George	5
2203	K5JHP	559	559	TX	Bill	5
2204	K5SR	559	559	TX	Dale	5



2205 W4NJK 559 559 CA Charlie 5  
2206 K5EOA 559 559 LA Wayne 5  
2206 K2ZN 559 539 NY Al 5  
2207 AA50 559 559 LA Vern 5  
2208 W5TB 559 559 TX Doc 5

2208 KK5NA 559 559 TX Joe 5  
2209 NA8M 559 559 MI John 5  
2210 K5OI 559 559 OK Tim 5  
2211 N0JRN 559 559 MO Jerry 5  
2212 KG6WP 579 559 CA Howard 5

2213 K4MF 559 559 FL Gary 5  
2214 K0EVZ 599 599 ND Doc 4  
2215 N5YFC 559 559 LA Wayne 5  
2216 AB9CA 559 559 AL Dave 4  
2217 W6AZ 559 559 CA Ron 5

2218 N1IX 559 559 NH Dave 5  
2218 K8DD 559 549 MI Hank 3  
2220 K3PH 559 559 PA Bob 5  
2222 VA6MJT 559 599 AB Mike 5  
2222 W3CD 559 559 CA Bob 5

2223 W0UFO 559 559 MN Mert 5  
2224 K7TQ 559 559 ID Randy 5  
2225 N1TP 559 559 FL Tom 5  
2226 N5IB 559 559 LA Jim 5  
2228 W5KDJ 559 559 TX Wayne 0.4

2230 AF4PS 559 559 FL Mac 5  
2231 N0WX 559 579 MN Mike 5  
2233 KW4JS 559 559 TN John 5  
2234 K3ESE 339 559 MD Lloyd 5  
2238 WB7AEI 339 349 WA Phil 5

2243 K5TR 599 599 TX Geo 5  
2244 N7MFB 559 559 WA Bill 5  
2245 WQ8RP 339 569 MI Hank 1  
2246 K9NX 559 449 IN Tim 5  
2250 K8CV 579 579 MI Walt 5

2253 K0MAX 339 339 MN Max 5  
2254 K7FD 599 579 OR John 5  
2255 WA8BXN 339 339 OH Mike 5  
2258 K5BGB 339 559 TX Rod 5  
2259 AF4LQ 559 559 KY Mike 5

2300 N0IT 579 579 MO Dave 5  
2309 W4YN 339 559 NC Tim 5  
2310 NF0R 339 559 MO Dave 1  
2318 KQ5U 559 559 TX Terry 5  
2325 W0MPR 559 559 CO Gregg 5

2329 AC7A 559 559 AZ Tom 5

-----  
Date: Sun, 22 Jun 2003 21:35:22 -0500  
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [152760] Yaesu FT209 Operating Manual wanted  
Message-ID: <002d01c33930\$1a644c20\$e3dba418@jam.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking for the operating manual for this 2 meter HT.

Mike Duke, K5XU  
American Council of Blind Radio Amateurs

-----  
Date: Sun, 22 Jun 2003 21:34:12 -0500  
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [152761] HTX-10 Service Manual  
Message-ID: <002c01c33930\$1a28c9c0\$e3dba418@jam.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I understand that there was a service manual for the HTX-10. If you have this book and would like to part with it, please e-mail me.

Mike Duke, K5XU  
American Council of Blind Radio Amateurs

-----  
Date: Sun, 22 Jun 2003 22:01:26 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
"Bruce Rattray" <rattray@gpfn.sk.ca>  
Subject: [152762] Hunt Results  
Message-ID: <028a01c33933\$be181330\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bruce, find a place to tack up 10 more pelts on the wall for the NE-TX  
Tornados from the hunts this afternoon. Five Clean Sweeps thus a Clean Sweep  
for the team. First time since the first hunt that we have had all five ops  
in town!

Good Hunts with good signals most of the time and excellent Foxii operators!

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

-----  
Date: Sun, 22 Jun 2003 22:16:24 -0500  
From: "Dave Sjolin" <sjolin@swbell.net>  
To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>  
Subject: [152763] Fox: Preliminary Log N0IT June 22  
Message-ID: <089701c33935\$d4a85f40\$78d1fea9@DaveSjolin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Who turned off the lights? A curtain seemed to come down after the first half four. Very slow for next thirty minutes and only two contacts during the last thirty minutes. Had almost no propagation to the east. In that direction worked only PA, NH, and FL. No short skip either. Texas west seemed to produce most of the contacts.

Thanks again to all that called. Hope I didnt miss anyone that was calling. Please check the log and notify me by Tuesday evening with any corrections. I was doing all logging by paper and pencil so some mistakes are likely to appear. Dont be bashful. Thanks again for the contacts.

73 de Dave, N0IT (St. Louis, MO)

UTC	CALL	RST	STATE	NAME	PWR
2200	K5DI	589	NM	KARL	5W
2201	W5YR	559	TX	GEO	5W
2202	K4MF	559	FL	GARY	5W
2206	KK5NA	559	TX	JOE	5W
2207	K5JHP	559	TX	BILL	5W
2207	KB7WW	559	OR	ART	5W
2209	K5SR	559	TX	DALE	5W
2210	W7ILW	559	AZ	WALT	5W
2211	AA7EQ	559	AZ	BOB	5W
2212	K3PH	559	PA	BOB	5W
2213	N1TP	559	FL	TOM	5W
2214	W0MPR	559	CO	GREG	5W
2215	WA7LNN	559	NM	JACK	5W
2218	K0EVZ	559	ND	DOC	4W
2219	W5TB	559	TX	DOC	5W
2220	N1FN	559	CO	ET	5W
2221	K5ZE	559	TX	LEW	5W
2221	W5KDJ	559	TX	WAYNE	400 mW
2225	N1IX	559	NH	DAVE	5W
2226	AF4PS	559	FL	MAC	5W
2228	W3CD	559	CA	BOB	5W
2237	KI0II	559	CO	RON	5W
2245	K5TR	559	TX	GEO	5W
2248	C02HA	559	CUBA	FRANK	5W
2253	VA6MJT	599	AB	MIKE	5W
2255	WB7AEI	349	WA	PHIL	5W
2258	K7FD	599	OR	JOHN	5W

2302	AC7A	579	AZ	TOM	5W
2326	W6AZ	559	CA	RON	5W
2329	N0IT	FOX	MO	DAVE	5W

-----

Date: Mon, 23 Jun 2003 03:19:41 GMT  
 From: rsstone@juno.com  
 To: qrp-l@lehigh.edu  
 Subject: [152764] Propagation Question - International Beacons  
 Message-ID: <20030622.202010.2373.487903@webmail01.lax.unttd.com>  
 Content-Type: text/plain

Hi - I've noticed an interesting phenomena on the 14.100 MHz and 21.150 MHz beacons that perhaps someone can explain. Normally, I hear a significantly decreasing signal as the power is dropped from 100 W to 10 W to 1 W to .1 W. However, this isn't always the case. On some occasions, the signal level for a particular DX location really doesn't seem to change that much as the power is decreased, especially for the three highest power levels. In other words, 1 W doesn't sound all that much weaker than 100 W. This probably happens about 10% or less of the times that I listen. Can anyone offer an explanation? Thanks for your help!

72,

Ron (KA3J)  
 Bethesda, MD

-----

The best thing to hit the internet in years - Juno SpeedBand!  
 Surf the web up to FIVE TIMES FASTER!  
 Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----

Date: Sun, 22 Jun 2003 23:25:07 -0400  
 From: Lee Mairs <lmairs@direcway.com>  
 To: jroof@mindspring.com,  
     Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
 Subject: [152765] Re: AT Sprint Wanted  
 Message-ID: <021901c33937\$0ee50360\$3b6d020a@boomer>  
 MIME-version: 1.0  
 Content-type: text/plain; charset=iso-8859-1  
 Content-transfer-encoding: 7BIT

So is Lee, KM4YY/8. Contact him at [lmairs@sagcorp.com](mailto:lmairs@sagcorp.com)

73 de Lee, km4yy/8

----- Original Message -----

From: "Joe Roof" <jroof@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, June 22, 2003 8:58 PM

Subject: AT Sprint Wanted

> All,  
> Chuck, WA6LTV is looking for an AT Sprint. Will pay cash, trade  
> or both. Contact him directly at WA6LTV@aol.com.  
> Thanks  
> 72  
> Joe, w4jhr  
>  
>  
>  
>

-----  
Date: Sun, 22 Jun 2003 20:50:10 -0700 (PDT)

From: Lee Boulineau <n4mvl@yahoo.com>

To: lmairs@direcway.com,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [152766] Re: AT Sprint Wanted

Message-ID: <20030623035010.31101.qmail@web21204.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

So am I !!

73 de N4MVL,

"The other Lee"

--- Lee Mairs <lmairs@direcway.com> wrote:

> So is Lee, KM4YY/8. Contact him at

> lmairs@sagcorp.com

>

> 73 de Lee, km4yy/8

>

>

> ----- Original Message -----

> From: "Joe Roof" <jroof@mindspring.com>  
> To: "Low Power Amateur Radio Discussion"  
> <qrp-1@Lehigh.EDU>  
> Sent: Sunday, June 22, 2003 8:58 PM  
> Subject: AT Sprint Wanted  
>  
>  
> > All,  
> > Chuck, WA6LTV is looking for an AT Sprint. Will  
> pay cash, trade  
> > or both. Contact him directly at WA6LTV@aol.com.  
> > Thanks  
> > 72  
> > Joe, w4jhr  
> >  
> >  
> >  
> >  
> >  
>

-----  
Do you Yahoo!?  
SBC Yahoo! DSL - Now only \$29.95 per month!  
<http://sbc.yahoo.com>

-----  
Date: Sun, 22 Jun 2003 23:50:37 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [152767] Re: Propagation Question - International Beacons  
Message-ID: <5.1.1.6.1.20030622234918.00b301c0@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Hi - I've noticed an interesting phenomena on the 14.100 MHz and 21.150 MHz  
>beacons that perhaps someone can explain. Normally, I hear a  
>significantly decreasing signal as the power is dropped from 100 W to 10 W  
>to 1 W to .1 W. However, this isn't always the case. On some occasions,  
>the signal level for a particular DX location really doesn't seem to  
>change that much as the power is decreased, especially for the three  
>highest power levels. In other words, 1 W doesn't sound all that much  
>weaker than 100 W. This probably happens about 10% or less of the times  
>that I listen. Can anyone offer an explanation?

Ron,

Could it be your receiver's AGC is keeping the signal level more-or-less constant?

Dave

-----  
Dave Hinerman  
WD8CIV@att.net

-----  
Date: Sun, 22 Jun 2003 23:29:56 -0500 (CDT)  
From: Dale Botkin <dale@botkin.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [152768] Re: OT: I've got a virus and can't get rid of it--HELP!  
Message-ID: <Pine.LNX.4.33.0306222328330.15633-100000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Jun 2003, Mark Fields wrote:

> My Dell computer has a virus in a file that Windows Me won't allow  
> me to remove or delete, my anti-virus program (AVG for Windows, Free  
> Edition) can't "heal" the file, and Win Me's "System Restore" feature  
> can't restore the computer to an earlier date. Can anyone tell me  
> what I can do to get rid of this virus? TIA.

Isn't there a set or two of Linux CDs floating around? That should do nicely.

Well, SOMEONE had to say it, you know.

72,  
Dale - N0XAS

--  
It's a thankless job, but I've got a lot of Karma to burn off.  
Get a PicoKeyer: <http://www.hamgadgets.com>

-----  
Date: Sun, 22 Jun 2003 23:16:15 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [152769] Any late night piggies around  
Message-ID: <000701c3393e\$30dc37c0\$0077da0c@mchsi.com>



I'm sitting on 7.044 and looken for dim piggies.

Anybody around??

72 oo Jerry N0JRN  
FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Mon, 23 Jun 2003 00:22:48 -0500  
From: Rob Matherly <w0jrm@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [152770] Re: QRP windmill  
Message-ID: <200306230022.48812.w0jrm@arrl.net>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable

On Thursday 19 June 2003 08:57 pm, Larry Sorrow wrote:

> >Re:In either case, the weakest link is what to use for a 12V 1Amp  
>  
> generator/alternator? Something fairly small and light but not a toy.  
>  
> What about a riding lawn mower generator?  
> I read somewhere about a guy that had plans to build a light weight  
> generator from a string trimmer engine and a lawn mower generator.  
> 73 Tom KE4ITN

Somewhere at <http://www.homepower.org> are plans for a 12VDC generator usi=  
ng a=20  
lawnmower engine and an alternator.... that's been put on my summer build=  
=20  
list :^)

72/73/oo  
Rob, w0jrm

-----

Date: Sun, 22 Jun 2003 23:06:00 -0700  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVAQRP" <NoVaQRP@topica.com>,  
"NJQRP" <njqrp@njqrp.org>, "EPA-QRP" <EPA-QRP@yahoogroups.com>  
Subject: [152771] AmQRP HOMEBREWER subscriber info page available  
Message-ID: <004001c3394d\$87f018b0\$b70aa8c0@GHLTP4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Do you have a subscription to the new AmQRP "HOMEBREWER" magazine? Is your mailing address correct? How many issues of AmQRP's new HOMEBREWER magazine do you have as a result of your remaining QRPP and QRP Homebrewer subscriptions?

Find the answers to all these questions on our new Subscriber Information page, at ...

<http://www.amqrp.org/homebrewer/substatus.html>

73, George N2APB

-----  
Date: Mon, 23 Jun 2003 00:19:53 -0700  
From: Adam Farson <farson@shaw.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@LEHIGH.EDU>  
Subject: [152772] RE: OT: I've got a virus and can't get rid of it--HELP!  
Message-ID: <BLEKJMCJBOEAAIECDNNCIEJOGIAA.farson@shaw.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Will that be that the post-IBM-SCO-settlement Linux distribution?

Cheers for now, 73,  
Adam VA70J/AB40J

-----Original Message-----

From: owner-qrp-l@lehigh.edu [mailto:owner-qrp-l@lehigh.edu] On Behalf Of Dale Botkin  
Sent: Sunday, June 22, 2003 21:30  
To: Low Power Amateur Radio Discussion  
Subject: Re: OT: I've got a virus and can't get rid of it--HELP!

On Sun, 22 Jun 2003, Mark Fields wrote:

> My Dell computer has a virus in a file that Windows Me won't allow  
> me to remove or delete, my anti-virus program (AVG for Windows, Free  
> Edition) can't "heal" the file, and Win Me's "System Restore" feature  
> can't restore the computer to an earlier date. Can anyone tell me  
> what I can do to get rid of this virus? TIA.

Isn't there a set or two of Linux CDs floating around? That should do nicely.

Well, SOMEONE had to say it, you know.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Get a PicoKeyer: <http://www.hamgadgets.com>

-----  
Date: Mon, 23 Jun 2003 07:05:40 -0400

From: "Michael C. Boatright" <ko4wx@mindspring.com>

To: "Sam Billingsley" <sambillingsley@earthlink.net>

Cc: <ATRAIL@yahoogroups.com>, <qrp-1@lehigh.edu>,  
<nogaqrp@mailman.qth.net>

Subject: [152773] Re: [NoGaQRP] The day couldn't have been much better - QRP on  
the Applachian Trail at Woody Gap GA with the AT Sprint rig

Message-ID: <5.0.2.1.2.20030623070515.02584d70@pop.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Field Day is this weekend...

72 de Mike, K04WX

At 02:59 AM 6/22/2003 -0400, Sam Billingsley wrote:

>1st day of Summer = Sunny, Warm (80+), slight breeze .....QRP on the

>AT..... priceless

>

>Thanks to all for the QSOs in 11 states on three bands (40/30/20). The QSO

>count was lower than expected but was made up by the quality of the contacts

>made.

>

>My long awaited field trial of the AT Spring rig (designed and kitted by

>Steve Webber KD1JV "melt solder fame") went about as well as possible.

>  
>30 meters was the majority band with 20 mtrs followed by 40 mtrs. No doubt  
>the early time for day played a part in this.  
>  
>I used a W3EDP 87 ft inverted L end fed wire antenna with 33 ft ground  
>counterpoise wire with my homebrew antenna L-coupler (see my web site for  
>details at <http://www.qsl.net/ae4gx/ATLTuner.htm> ).  
>  
>All that made a special comment on quality stated that the rig sounded  
>"GREAT".  
>  
>All in all, a 3 oz. shirt pocket, three band rig that can be truly used for  
>serious backpacking or travel was a huge success for me. I'm looking forward  
>to a real over nighter next. Of course I will take it to the NOGA field day  
>activities coming up in a few weeks.  
>  
>Thanks Steve for making it real.  
>  
>Sam Billingsley AE4GX  
>North Georgia QRP Club  
>  
>  
>-----  
>NoGaQRP mailing list  
>NoGaQRP@mailman.qth.net  
><http://mailman.qth.net/mailman/listinfo/nogaqrp>

-----  
Date: Mon, 23 Jun 2003 05:11:48 -0600 (MDT)  
From: Karl Larsen <k5di@msn.com>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [152774] Re: New 5 MHz freq and antennas  
Message-ID: <Pine.LNX.4.44.0306230449170.1302-1000000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, I have no idea what the shape of the audio spectrum is nor how wide it is. The FT-817 SSB filter is a 455 KHz ceramic filter which are not known for good form factor. Some 817 owners have bought after market filters and may be in better shape.

To learn something about this I plan to test the reciever bandwidth using the waterfall display on my psk-31 software. I can't see down more than a few DB so will try and maximize that. That I will do in

the near future.

The ARRL has said to take the center frequency and subtract 1500 Hz and put your radio's carrier frequency there. There will be some low frequency transmitter output in the next channels band but most radios do not transmit anything below 200 Hz. Some of the good sounding stations sure do have power down there....

It should be possible to build an audio filter for the mike circuit that improves rolloff of the high frequency signals. I hope we do not need to do that. The intermod products generated in the transmitter are, from the ARRL measurements, more than 20 DB down so they should not be a problem.

On Sun, 22 Jun 2003, George, W5YR wrote:

> Hi, Karl  
>  
> What is the transmitted bandwidth of your USB signal with the 817? Will it  
> remain within the channel bandwidth if you set the suppressed carrier at the  
> low end 1500 Hz below the assigned center frequency based upon the dial  
> calibration?  
>  
> It is easy to check the bandwidth by inserting a sinewave tone into the mic  
> circuit from an oscillator - real or computer - and observing a wattmeter on  
> the output. If you get 5 watts output at 1000 Hz, then find out what  
> frequency is 26 dB down from that on each end. That is only 1/400th of the 5  
> watt reference or 12.5 milliwatts, so it is kinda tough to measure without  
> the right equipment.  
>  
> But you can vary the audio frequency until you get the power output to read  
> essentially zero and use those two frequencies as the end points and get in  
> the ballpark.  
>  
> I wrote up a little study I did with my old IC-765 and found that with its  
> normal 2.4 kHz filter, the sideband would just barely fit into the channel,  
> assuming the filter was perfect and the dial accuracy was right on the  
> button.  
>  
> The FCC gave us a pretty narrow window to work with, and I suspect that a  
> lot of rigs will be crowding the edges pretty closely. I also suspect that  
> our spectrum neighbors will be watching like hawks for the first ham signal  
> to wander into "their" channel next door.  
>

> I would like to hear from you about what you learn about the 817 transmit  
> occupied bandwidth. I don't recall seeing any measurements on this.  
>  
> BTW, I have forwarded the posting I made on the Icom reflector about using  
> the 765 on 60 meters. Think you might get some ideas from it on measuring  
> your 817.  
>  
> Thanks and good hunting this afternoon! Maybe the wind will be from the  
> right direction and you can hear Tucson!  
>

Nope the wind was not right. Thomas and I could not hear each other. But we are planning to meet at the Fort Tuthill Hamfest in Flagstaff AZ next month. We will plot ways to work each other without propagation...:-)

> 73/72, George  
> Amateur Radio W5YR - the Yellow Rose of Texas  
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
> "In the 57th year and it just keeps getting better!"  
> <mailto:w5yr@att.net>  
>  
>  
>  
>  
>  
> ----- Original Message -----  
> From: "Karl Larsen" <k5di@msn.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Sunday, June 22, 2003 11:29 AM  
> Subject: New 5 MHz freq and antennas  
>  
>  
>

> >  
> > As most of you know, on July 4th we hams get the new 60 meter  
> > band. I calculated the actual 5 frequencies and set them up in memory on  
> > my FT-817. I have already opened it up so it will transmit on any  
> > frequency it can receive.  
> >  
> > In my car it is perfect because I have a screwdriver tuned  
> > antenna and a automatic tuner near the radio. So I needed to mark the  
> > place where 80, 75, 60, 40 ect. are located so I can get close easy and  
> > the tuner will take over and get it perfect.  
> >  
> > The interesting thing about this was the fact that I could hear  
> > a sudden raise in the noise level when I tuned to every band except 60  
> > meters. For 60 meters I had to guess because the noise did not peak like

> > the other bands.  
> >  
> > I tested and I can tune to 60 meters and the band sounds a lot  
> > quieter than say 80 meters. Could be my receiver is not as sensitive due  
> > to a filter cut off or something like that. But I did get a full 5 watts  
> > to the antenna on the band. I'm sure my radiated power is far below the  
> > max which is 50 watts into a dipole at undisclosed height above ground.  
> >  
> > Will be on the new band the moment it opens.  
> >  
> > --  
> >  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 23 Jun 2003 05:42:47 -0600 (MDT)  
From: Karl Larsen <k5di@msn.com>  
To: qrp-l@lehigh.edu  
Subject: [152775] FT-817 SSB filter shape  
Message-ID: <Pine.LNX.4.44.0306230537410.1302-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

George W5YR got me thinking about the FT-817 filter and I just recall I measured that with the Gram software and it's on my web page. I am moving my page so it isn't done yet, but the filter data is at:

<http://www.qsl.net/k5di>

and down near the bottom is a place you can click on FT-817 and that displays the data. Alas more dynamic range is desired and I will try to get more sometime today.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----

Date: Mon, 23 Jun 2003 08:31:38 -0500  
From: "Boulineau, Lee" <lee.boulineau@attws.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [152776] RE: QRP windmill  
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F01@TX-MSG05-CCC.wireless.attws.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
content-class: urn:content-classes:message

The ARRL TIS pages have a project like this also - more of a QRO thing, =  
but still good for ideas!

73 de Lee N4MVL

-----Original Message-----

From: Rob Matherly [mailto:w0jrm@arrl.net]  
Sent: Monday, June 23, 2003 1:23 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: QRP windmill

On Thursday 19 June 2003 08:57 pm, Larry Sorrow wrote:

> >Re:In either case, the weakest link is what to use for a 12V 1Amp  
>  
> generator/alternator? Something fairly small and light but not a toy.  
>  
> What about a riding lawn mower generator?  
> I read somewhere about a guy that had plans to build a light weight  
> generator from a string trimmer engine and a lawn mower generator.  
> 73 Tom KE4ITN

Somewhere at <http://www.homepower.org> are plans for a 12VDC generator =  
using a=20  
lawnmower engine and an alternator.... that's been put on my summer =  
build=20  
list :^)

72/73/oo  
Rob, w0jrm

-----  
Date: Mon, 23 Jun 2003 09:45:32 -0400 (EDT)



From: George Gingell <k3tks@u1.abs.net>  
To: Mark Fields <mark\_ke5my@juno.com>  
Cc: QRP List <qrp-l@Lehigh.EDU>, <hqrp@stevens.com>  
Subject: [152777] Re: [HQRP] OT: Virus problem (that maybe is now solved): To delete or not...?  
Message-ID: <20030623092452.F71886-1000000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mark,

I can't advise you about the virius problem as far as what to delete, but I would recommend that you take a look at Symantec's web site. I am planning to purchase Norton System Works 2003 Professional Edition, as soon as I get my Toshiba Tecra 8000 back up and running properly. I recently had a memory problem that was diagnosed as a HD problem. They re-formatted my HD and failed to Backup all of programs. Yep, Kind of expensive Repair you might say. <www.symantec.com>

Also, here is a thought concerning not being able to delete a file on your system. Some files are HIDDEN or made READ ONLY. You can go to DOS and Change to that Directory [cd X:\Directory etc.] then issue command attrib -s -h -r which will release the attributes which are preventing you from viewing or deleting the files. you can restore them with the command attrib +s +h +r WARNING! If you do this in the Root C:\ Directory or the C:\WINDOWS directory be very careful, there are some Hidden Systems Files located in those spots (The REGISTRY, and IO.Systems for example) which MUST BE THERE for WINDOWS to Work. Don't ask how I know so much about this subject. :^} Let's just say that I have about 50 Pounds of Computer Reference books on my desk (Local Library) for research on my LapTop Computer Disaster. VxD drivers and Registry Problems are not fun things to play with IMHO. I would rather be a user than an A+ Technician. :^}

Good Luck. Remember BACKUP FIRST! If you can't do it, Get Help First.

Replacing Software can be more expensive than the Computer. I can now speak with the voice of experience!

QRPP Dx Tu (C) 2002

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

QRP A.R.C.I. Board of Directors & QQ Back Issues Sales and Services  
Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

Gingell & Company, Ltd.  
Locksmith & Handyman Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

-----  
Date: Mon, 23 Jun 2003 08:48:12 -0500  
From: "Boulineau, Lee" <lee.boulineau@attws.com>  
To: <n4xy@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [152778] RE: [ham] BF959 transistor  
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F03@TX-MSG05-CCC.wireless.attws.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable  
content-class: urn:content-classes:message

Doesn't the 2N5109 have a little more surface area?? Even then, I would heat-sink it - and be prepared for some strange behavior as it heats up!!! For HF a 2N3866 might be better !!

73 de Lee N4MVL

-----Original Message-----  
From: Ed Tanton [mailto:n4xy@earthlink.net]  
Sent: Saturday, June 21, 2003 6:11 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: [ham] BF959 transistor

Actually, the 2N5109 isn't that hard-to-find. Mouser has 'em.

Also, I have reservations about 1W out of a T0-92. Both the 2N2222A (metal=20 case) and the 2N3904 T0-92 have total power dissipation ratings of only 0.5W .

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Mon, 23 Jun 2003 09:47:58 -0500 (CDT)  
From: Dale Botkin <dale@botkin.org>  
To: Adam Farson <farson@shaw.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [152779] RE: OT: I've got a virus and can't get rid of it--HELP!  
Message-ID: <Pine.LNX.4.33.0306230946560.16778-100000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Jun 2003, Adam Farson wrote:

> Will that be that the post-IBM-SCO-settlement Linux distribution?

You mean the post-lawsuit-dismissal distribution? Shining example of

"doesn't matter".

73,

Dale - NOXAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Get a PicoKeyer: <http://www.hamgadgets.com>

-----

Date: Mon, 23 Jun 2003 07:57:59 -0700

From: "Lee Hopper" <leehopp@msn.com>

To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>, <n2apb@erols.com>

Subject: [152780] Re: AmQRP HOMEBREWER subscriber info page available

Message-ID: <BAY4-DAV10VAvtIkgCM00005f63@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

A very nice feature - thanks, George es AmQRP volunteers -

Lee Hopper, NB7F

Portland, OR

-----

Date: Mon, 23 Jun 2003 11:23:01 -0400

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: <kr1st@amsat.org>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [152781] RE: Broadband on Pwr lines but no space for Amateur LF ?

Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3295@kosh.arrlhq.org>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I will add Altoids sales to the tally sheet. :-)

Admittedly, \$1B a year isn't big bux by some standards, but it looks a =  
whole lot better than the image some folks think of when they think of =  
amateur radio.=20

73,=20

Ed Hare, W1RFI

> -----Original Message-----  
> From: Alex [mailto:kr1st@amsat.org]  
> Sent: Friday, June 20, 2003 12:14 AM  
> To: Hare,Ed, W1RFI  
> Cc: Low Power Amateur Radio Discussion  
> Subject: Re: Broadband on Pwr lines but no space for Amateur LF ?  
>=20  
>=20  
> "Hare,Ed, W1RFI" wrote:  
> >=20  
> > A few weeks ago, I got to thinking about the economics involved.  
>=20  
> Exactly! And even on an international scale we play a big role. As  
> QRPers we pretty much keep Altoids in business, too! :)  
>=20  
> 73,  
> --Alex KR1ST  
>=20

-----  
Date: Mon, 23 Jun 2003 11:39:58 -0400  
From: brewerj@squared.com  
To: qrp-1@Lehigh.EDU  
Subject: [152782] [152601] Re: Whatever happened to all those PSK-80 Warblers?  
Message-ID: <0FB851F593.F6B1032F-0N85256D4E.0055D858@CIS.SQUARED.COM>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Alex said:

>It's rather unfortunate that a frequency so close to the W1AW operation  
>was chosen for a (de facto) QRP mode PSK.

Doubly so for those of us who had used that frequency for some years,  
as the lowish power Glowbugs CW watering hole.

John K5MO

-----  
Date: Mon, 23 Jun 2003 11:47:51 -0400  
From: "Garey Barrell" <k4oah@mindspring.com>  
To: <brewerj@squared.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [152783] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?  
Message-ID: <00b901c3399e\$cdc40ee0\$6401a8c0@hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I guess that's the price we pay for using all those cheap  
3579.64523723834692346 TV colorburst crystals!!

Garey - K40AH

----- Original Message -----  
From: <brewerj@squared.com>

> Alex said:  
>  
> >It's rather unfortunate that a frequency so close to the W1AW  
operation  
> >was chosen for a (de facto) QRP mode PSK.  
>  
> Doubly so for those of us who had used that frequency for some  
years,  
> as the lowish power Glowbugs CW watering hole.  
>  
> John K5MO  
>  
>

-----  
Date: Mon, 23 Jun 2003 09:58:42 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [152784] Any piggies hangen in the shack this morning?  
Message-ID: <004101c33997\$f08e2c00\$0077da0c@mchsi.com>

I'm sittin on 14.062 if you want to take a minute and say howdy.

72 oo Jerry N0JRN  
FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Mon, 23 Jun 2003 09:19:12 -0700  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [152785] Re: signal on 18.091?  
Message-ID: <Law8-F18T9qv5gndGbV0006fa5e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Alex KR1ST asked:

>Anyone else hear this signal on 18.091. Sounds like water flowing in a  
>tiny creek. Some sort of digital signal?

HF ALE (Automatic Link Establishment). The actual data  
are 8-ary MFSK.

All the usual references.

Laura Halliday VE7LDH       "Que les nuages soient notre  
Grid: CN89lg                    pied a terre..."  
ICBM: 49 16.57 N 123 0.24 W       - Hospital/Shafte

-----  
The new MSN 8: smart spam protection and 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Mon, 23 Jun 2003 12:24:59 -0400  
From: "Garey Barrell" <k4oah@mindspring.com>  
To: <K6TFZ@aol.com>, <qrp-1@lehigh.edu>  
Subject: [152786] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?  
Message-ID: <00d501c339a3\$fd2b4e0\$6401a8c0@hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Geoff -

OK, you're second. I knew that!! :-)

With 17 place "accuracy" what's a digit or two?

73, Garey - K40AH  
Atlanta

----- Original Message -----

From: <K6TFZ@aol.com>

>

> In a message dated 6/23/03 8:50:19 AM Pacific Daylight Time,  
> k4oah@mindspring.com writes:

>

> > I guess that's the price we pay for using all those cheap  
> > 3579.64523723834692346 TV colorburst crystals!!

> >

>

> Hey, watch that! The freq is 3579. 5 45, not 6. We have to make sure  
we do

> this right! Geoff, K6TFZ

>

-----  
Date: Mon, 23 Jun 2003 13:31:57 -0400  
From: "Jim Kelley" <nw611j@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [152787] PSK-80 Warblers  
Message-ID: <Law15-F44ZTHfyQgeDK000000144@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

PSK-80's I got 2 collecting dust, anybody interested?

\$40.00 each shipped.

They are built, but never made a contact. I am just too busy to get them  
hooked up and working.

-----  
Help STOP SPAM with the new MSN 8 and get 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Mon, 23 Jun 2003 13:31:55 -0400  
From: "Jim Kelley" <nw611j@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [152788] PSK-80 Warblers



Message-ID: <Law15-F5tQvAauNjVuM0002194b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

PSK-80's I got 2 collecting dust, anybody interested?

\$40.00 each shipped.

They are buillt, but never made a contact. I am just too busy to get them hooked up and working.

-----  
The new MSN 8: advanced junk mail protection and 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Mon, 23 Jun 2003 14:25:27 -0400  
From: TJM <tjmc@erols.com>  
To: jroof@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [152789] fs: AT Sprint  
Message-ID: <3EF74617.4050704@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Ok Guys,  
I have a Oak Hill Sprint 40m DC ...  
very nice shape and works FB.

Pic is on the personal site below.(under misc pics)

Let the bidding wars begin!! ;)  
Price min is \$85

best  
Tom aa2vk

--

```
*****
* Member of NORCAL, NJQRP, LIQRP, HFPAck *
*           K2 #1213           *
* LIQRP Web Page : www.qsl.net/liqrp *
* Personal web page : www.erols.com/tjmc *
*****
```

-----  
Date: Mon, 23 Jun 2003 14:33:38 -0400  
From: TJM <tjmc@erols.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [152790] correction; FS Oak Hill Sprint  
Message-ID: <3EF74802.9070405@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

But ya prob looked already, sorry.  
Fast fingers, slow brain...too much rust from all the rain.

Tom aa2vk

--

```
*****
*   Member of NORCAL, NJQRP, LIQRP, HFPAck   *
*               K2 #1213                       *
*   LIQRP Web Page : www.qsl.net/liqrp         *
*   Personal web page : www.erols.com/tjmc     *
*****
```

-----  
Date: Mon, 23 Jun 2003 14:52:14 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [152791] Re: fs: AT Sprint  
Message-ID: <5.2.1.1.2.20030623145058.02de7900@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I THOUGHT 'bidding wars' were verboten? I'm CERTAIN they're inappropriate.

>Let the bidding wars begin!! ;)

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Mon, 23 Jun 2003 15:31:24 -0400  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: <qrp-1@lehigh.edu>  
Subject: [152792] Frankenkeyer  
Message-ID: <002301c339be\$256d5ec0\$dfccfea9@turbotoo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Man, just finished up some more of the monster  
Frankenkeyer program, blasted a cpu and the sky  
darkend and the granddaddy of all T-Storms ripped  
through town! Ominous sign :-) Glad I shut down  
the PC, power flickered a few times before it was  
past.

We should now have four, 100 character keyer memory locations and a power meter function.

For the power meter, it turned out the simplest approach was to use 8 bits of the A/D to make another 25 volt meter channel. This sets the max power it can measure to about 6.5 watts. One can simply add a diode and filter cap to the antenna jack of a rig and run the output over to the keyer. Won't be exceptionally accurate, especially at very low power, but will be better than nothing <g>

I decided to use an external 2.5 volt, 0.5% reference, as the cpu's internal reference seems to be at least a 5% thing. Will also use 1% resistors in the input divider, which will eliminate the need for any calibration of the power meter and voltmeter functions.

Okay, about all we need to do now it put this monster through some extensive tests to flush out any lingering bugs and make sure there aren't any wierd and unexpected interactions between all the varous functions.

At least a couple of you asked if the keyer could also have a "zero beat" function. I'm afraid that won't be practical. It would have to use the frequency counter, which uses the RTC 1 second time base, so can only do a conversion everyother second. The conversion would be way too slow to be of any practical use.

OTOH, a keyboard or RS-232 interface is still a possability - if we never want this thing to be finished, hi!

72,  
Steve, KD1JV  
White mountains of New Hampshire  
"melt Solder"  
[www.qsl.net/kd1jv/](http://www.qsl.net/kd1jv/) this thing to be finished, hi!

-----

Date: Mon, 23 Jun 2003 15:39:05 -0400

From: "James Reid" <jreid4@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [152793] Re: Stirling Engine demo kits inadequate for practical generator  
Message-ID: <000301c339bf\$1dae3a00\$db4079a5@net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

What is the name of the Stirling Cycle book?

Jim, KD3S

-----  
Date: Mon, 23 Jun 2003 14:47:25 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "elecraft" <elecraft@mailman.qth.net>, <qrp-1@Lehigh.EDU>  
Subject: [152794] Excellent presentation on low current drain transceiver design  
based on the K2 principles at Ham Com  
Message-ID: <042f01c339c0\$457c1650\$4e100a0a@rohredt2000>

It was a distinct pleasure to see the Elecraft folks at the booth at ARRL National-Ham Com, Arlington TX this past weekend. There seemed to be folks at the booth right up and after the convention officially closed! After 3 intense days of booth duty, Eric gave a wonderful presentation to the QRP forum Sunday Morning. It was a clear and informative description of the advantages of single conversion receiver design, when to use DBM vs. IC mixers, and what the current drain is on popular radios today.

The all important comparisons of dynamic performance were covered for the cases of close in signals, where the K2 still beats all the others.

Inevitably the questions about the future were asked, and Eric says he has not seen the K3! The recent new introductions at Dayton are keeping the company busy along with continued K1 and K2 production. It was heartening to hear that Elecraft is successful enough that Wayne and Eric can now pay themselves salary. Eric says to stay tuned as there are more things coming down the pike.

-Stuart  
K5KVH

-----  
Date: Mon, 23 Jun 2003 16:06:56 -0400

From: "David Hinerman" <WD8CIV@worldnet.att.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [152795] RE: Frankenkeyer  
Message-ID: <000001c339c2\$ff235490\$7a032a0a@nyroc.ametek.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Man, just finished up some more of the monster  
> Frankenkeyer program, blasted a cpu and the sky  
> darkend and the granddaddy of all T-Storms ripped  
> through town! Ominous sign :-)

Steve,

Not at all! Everybody knows Dr. Frankenstein's creation was brought to life by a thunderstorm. Yours is just keeping the tradition alive.

> I decided to use an external 2.5 volt, 0.5%  
> reference, as the cpu's internal reference seems  
> to be at least a 5% thing. Will also use 1%  
> resistors in the input divider, which will  
> eliminate the need for any calibration of the  
> power meter and voltmeter functions.

What kind of resistors are those 1% units? Metal film? I ask because I had a tech at work once who was building an attenuator for me for some packet radio experiments. Normally we build power measurement gear for 50 or 60 Hz lines, and our "good" resistors are all wirewound. That's what he grabbed. I had to have him replace the good resistors with carbon units.

> OTOH, a keyboard or RS-232 interface is still a  
> possibility - if we never want  
> this thing to be finished, hi!

I've been seriously thinking about playing with a mouse interface. It's the same connector and protocol as most modern PC keyboards. Think about it - two rotary encoders and two or three pushbutton switches, and you already have several in your junk box. (At least if you're like my Dad or me.) Even new ones can be had for \$10 or less. Even with a 2-line display, the two encoders could make for a useful interface. Say, left-right scrolls among functions, up-down chooses a setting or rolls a digit, and the ubiquitous click makes it go.

Finished? Never!

Dave

-----  
Date: Mon, 23 Jun 2003 15:13:29 -0500  
From: "Gene Sailsbury" <gsailsbury@mobill1.net>  
To: "Low Power" <qrp-1@Lehigh.EDU>  
Subject: [152796] 4SQRP Tenna Dipper Kits  
Message-ID: <01ff01c339c3\$ea122710\$6cc03fd8@n0mq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We want to thank all of you that have ordered kits from us. The orders are coming in at a very steady pace. We will be shipping July 1, 2003. Still have lots of kits for sale. Also we have updated our web page with the latest manual. Everyone has a great FD and look for W0CH call that we will be using from Twin Bridges State Park on Grand Lake in OK.

<http://www.w0ch.net/fsqrp/kits/kits.htm>

72

Gene NOMQ

-----  
Date: Mon, 23 Jun 2003 16:39:59 -0400  
From: Ray Sills <raysills@1stconnect.com>  
To: brewerj@squared.com  
Cc: QRP list <qrp-1@lehigh.edu>  
Subject: [152797] Re: [152601] Re: Whatever happened to all those PSK-80 Warblers?  
Message-ID: <DB513257-A5BA-11D7-960C-003065EAB9EC@1stconnect.com>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Transfer-Encoding: 7bit

OTOH, W1AW chose a freq that was close to the popular TV "color burst" frequency of 3.57545 MHz, for those who would like to make a simple direct conversion receiver to monitor W1AW.

The PSK watering hole -is- close to that freq, but W1AW therefore provides a marker freq to those who want to calibrate their PSK tuning.

The Warbler 80 meter PSK transceiver uses those TV crystals to simplify the design of the rig. Fortunately, PSK operation is narrow bandwidth, and many PSK ops run very low power, if not QRP, so it should be possible to accommodate most of the hams who want to park around those frequencies.

73 de Ray

K2ULR  
FN20t1

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Date: Mon, 23 Jun 2003 17:22:44 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". QRP-L" <qrp-l@lehigh.edu>  
Subject: [152798] ARRL E-mail  
Message-ID: <001f01c339cd\$97e5bb00\$dde35cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Anyone have any problems with their arrl.net E-Mail address??

72 & Good DX  
Ron de WB3AAL  
wb3aal@fast.net  
www.n3epa.org

-----  
Date: Mon, 23 Jun 2003 14:23:49 -0700  
From: "DTX" <dtx@wood.tzo.com>  
To: "James Reid" <jreid4@earthlink.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [152799] Re: Stirling Engine demo kits inadequate for practical generator  
Message-ID: <004701c339cd\$bce7d80\$0c00a8c0@home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Not sure which book you are refering to, but here are some links I found  
very interesting. Looks like a college student was into stirling engines  
during the 1996 to 1999 timeframe.

<http://www.bekkoame.ne.jp/~khirata/english/make.htm> was my bookmark (plans  
for making several versions)

and



<http://www.bekkoame.ne.jp/~khirata/indexe.htm> is the home page for it. There are many links to theory as well as practical information. In the pictures of various small engines, note the one labeled gene2 ;-)

Gary WA6DTX

----- Original Message -----

From: "James Reid" <jreid4@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, June 23, 2003 12:39 PM  
Subject: Re: Stirling Engine demo kits inadequate for practical generator

> What is the name of the Stirling Cycle book?  
>  
> Jim, KD3S  
>

-----  
Date: Mon, 23 Jun 2003 17:34:46 +0000  
From: ve3ab@mail.mondenet.com  
To: qrp-l@lehigh.edu  
Subject: [152800] QRP+ and QRP++ new eproms-60 Meter caution.  
Message-ID: <200306232134.h5NLYjPK000519@barclay.mondenet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

This was an email sent out earlier to a chap who had a few suggestions about the Index Labs Progarmmed epromml  
Ok Walt.

Well..problem is I didnt realize (when I started this project)..that there were so many different versions of software. Also..I didnt realize that the software had a direct impact on the frequency readout of the rig. Ive only had 3 cases of this occurance. (That being the frequency readout of the digital dial was off anywhere from 300 hz up to as much as 600 hz from the actual tranmit signal. . The best thing..is to have the person send me the original chip out of his rig. I will copy it and change the software..(to unlock the freq on transmit). If I were to have a chip from this fellow..as you suggested..it may not match up with the particular rig that another fellow has. This problem..may not be all that bad. Im sure either there is a fix or perhaps..a person can live with the slight difference in frequeccy. Fortunately..it has only occurred in three

rigs so far..out of the approximately 25 people who received chips.  
It seems to be more of a problem with the QRP++ (and perhaps only the latest production models of those). More data is needed on this to really figure out what is going on! I urge users of the new EPROM ..to be careful when transmitting on 60 meters! to be very careful to remain within the frequency tolerances. Im going to do more listening at first..and make a chart up for the QRP+ I have> Note: I have the Ten Tec 405 amp and I will use 50 watts from time to time..so I want to make darned sure Im bang on frequency! It would be nice if there was a CALIBRATION ADJUST pot or capacitor or something on the Index Labs rig..to bring the frequency readout into alignment with the actual frequency. Perhaps someone on the list can look at the circuitry and give us some tips. My old Atlas 210x has a simple dial adjust (probably just a small parallel variable capacitor in parallel with the main tuning capacitor. (Ahhh the good old technology! it was simpler and easier to understand..at least for me!! 73 Earl VE3AB

-----  
Date: Mon, 23 Jun 2003 14:35:01 -0700 (PDT)  
From: Fred Bonavita <k5qlf@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [152801] Soldering iron buys  
Message-ID: <20030623213501.17073.qmail@web21404.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Fair Radio Sales has two interestng buys in soldering irons in its latest catalogue (WS-03): 25W, tip temp 464F, No. J-025, \$4.90; and 60W, tip temp 860F, No. J-060, \$6.89. The website is fairradio.com Be warned the on-line site says No. J-060 is 45W. Fair says the catalog is right; it's 60W. The usual disclaimers apply.  
73, Fred, K5QLF, San Antonio..

-----  
Do you Yahoo!?  
SBC Yahoo! DSL - Now only \$29.95 per month!  
<http://sbc.yahoo.com>

-----  
Date: Mon, 23 Jun 2003 17:31:31 -0400  
From: "Mike Yetzko" <myetzko@insydesw.com>  
To: <wb3aal@fast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [152802] Re: ARRL E-mail

Message-ID: <02e001c339ce\$d8674a80\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Hello,  
>  
> Anyone have any problems with their arrl.net E-Mail address??  
>  
> 72 & Good DX  
> Ron de WB3AAL  
> wb3aal@fast.net  
> www.n3epa.org  
>

Just tested mine. Echoed to my local mail server in less than 15 seconds.

Mike

-----  
Date: Mon, 23 Jun 2003 17:52:40 -0500  
From: "Frank Emens" <femens@hiwaay.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
     myetsko@insydesw.com  
Subject: [152803] Re: ARRL E-mail  
Message-ID: <3EF73E68.16398.15907CA@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 23 Jun 2003 at 17:31, Mike Yetsko wrote:

> > Hello,  
> >  
> > Anyone have any problems with their arrl.net E-Mail address??  
> >  
> > 72 & Good DX  
> > Ron de WB3AAL  
> > wb3aal@fast.net  
> > www.n3epa.org  
> >  
>  
> Just tested mine. Echoed to my local mail server in less than 15 seconds.  
>

> Mike

>

Only problem I have with it is that spam address harvesters have found that is a good source of email addresses to spam.

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End of QRP-L Digest 2960

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